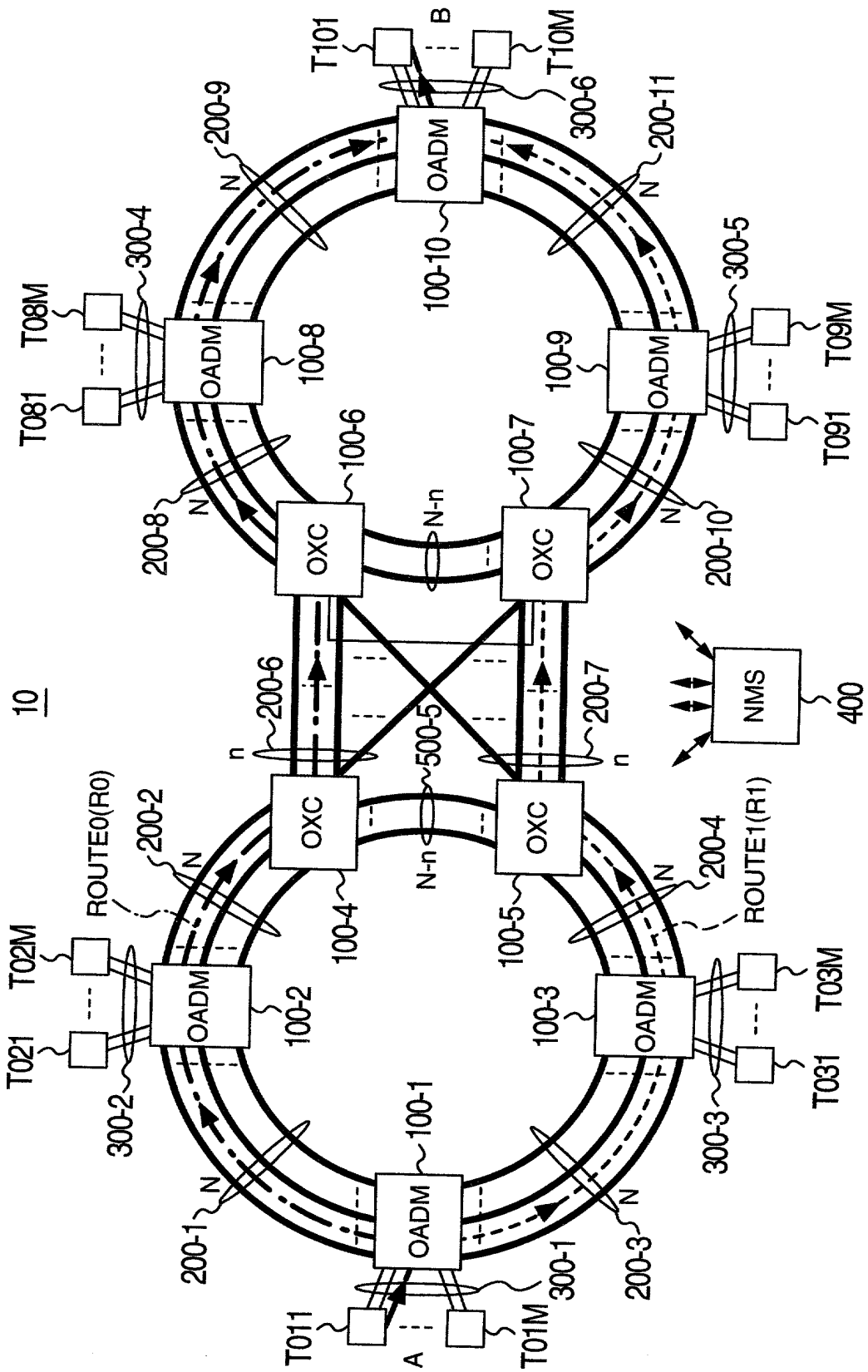
FIG.1


10
OADM
OXC
NMS
400
ROUTE0(R0)
ROUTE1(R1)
A
B
N
n
N-n
T011
T01M
T021
T02M
T031
T03M
T081
T08M
T091
T09M
T101
T10M
100-1
100-2
100-3
100-4
100-5
100-6
100-7
100-8
100-9
100-10
200-1
200-2
200-3
200-4
200-6
200-7
200-8
200-9
200-10
200-11
300-1
300-2
300-3
300-4
300-5
300-6
500-5

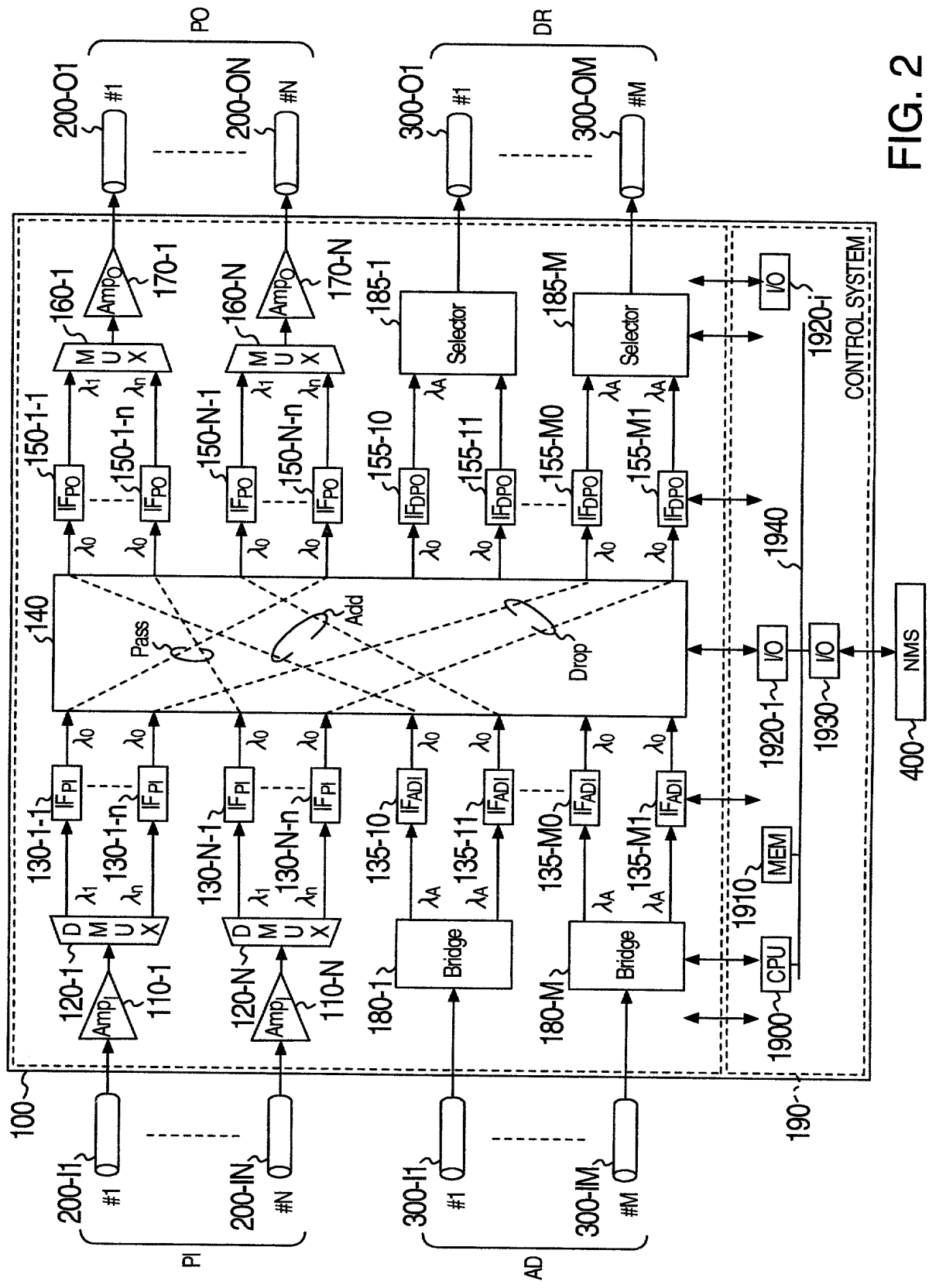

100
190
PI
AD
PO
DR
200-I1
200-IN
300-I1
300-IM
200-O1
200-ON
300-O1
300-OM
#1
#N
#M
110-1
110-N
120-1
120-N
Amp_I
Amp_O
130-1-1
130-1-n
130-N-1
130-N-n
DMUX
MUX
IF_PI
IF_PO
IF_ADI
IF_DPO
135-10
135-11
135-M0
135-M1
180-1
180-M
Bridge
140
Pass
Add
Drop
150-1-1
150-1-n
150-N-1
150-N-n
160-1
160-N
170-1
170-N
155-10
155-11
155-M0
155-M1
185-1
185-M
Selector
λ0
λ1
λn
λA
1900
CPU
1910
MEM
1920-1
1920-i
I/O
1930
1940
CONTROL SYSTEM
400
NMS

FIG. 2

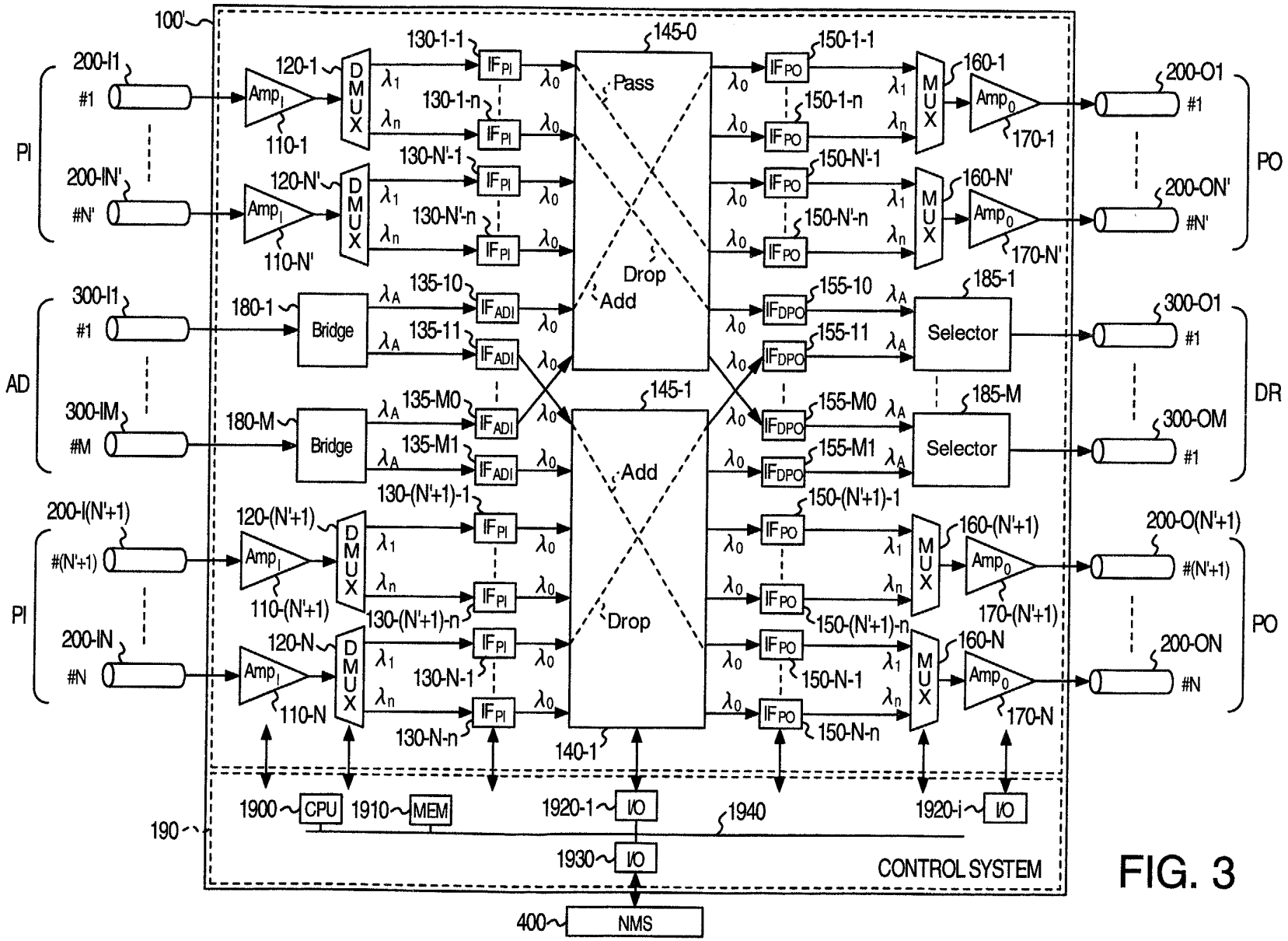

100'
PI
AD
PI
200-I1
#1
200-IN'
#N'
300-I1
#1
300-IM
#M
200-I(N'+1)
#(N'+1)
200-IN
#N
120-1
120-N'
120-(N'+1)
120-N
110-1
110-N'
110-(N'+1)
110-N
DMUX
130-1-1
130-1-n
130-N'-1
130-N'-n
130-(N'+1)-1
130-(N'+1)-n
130-N-1
130-N-n
IFPI
180-1
180-M
Bridge
135-10
135-11
135-M0
135-M1
IFADI
145-0
Pass
Drop
Add
145-1
Add
Drop
140-1
150-1-1
150-1-n
150-N'-1
150-N'-n
150-(N'+1)-1
150-(N'+1)-n
150-N-1
150-N-n
IFPO
155-10
155-11
155-M0
155-M1
IFDPO
MUX
160-1
160-N'
160-(N'+1)
160-N
Amp0
170-1
170-N'
170-(N'+1)
170-N
185-1
185-M
Selector
200-O1
#1
200-ON'
#N'
200-O(N'+1)
#(N'+1)
200-ON
#N
300-O1
#1
300-OM
#1
PO
DR
PO
190
1900
CPU
1910
MEM
1920-1
I/O
1920-i
I/O
1930
I/O
1940
CONTROL SYSTEM
400
NMS

FIG. 3

FIG.4

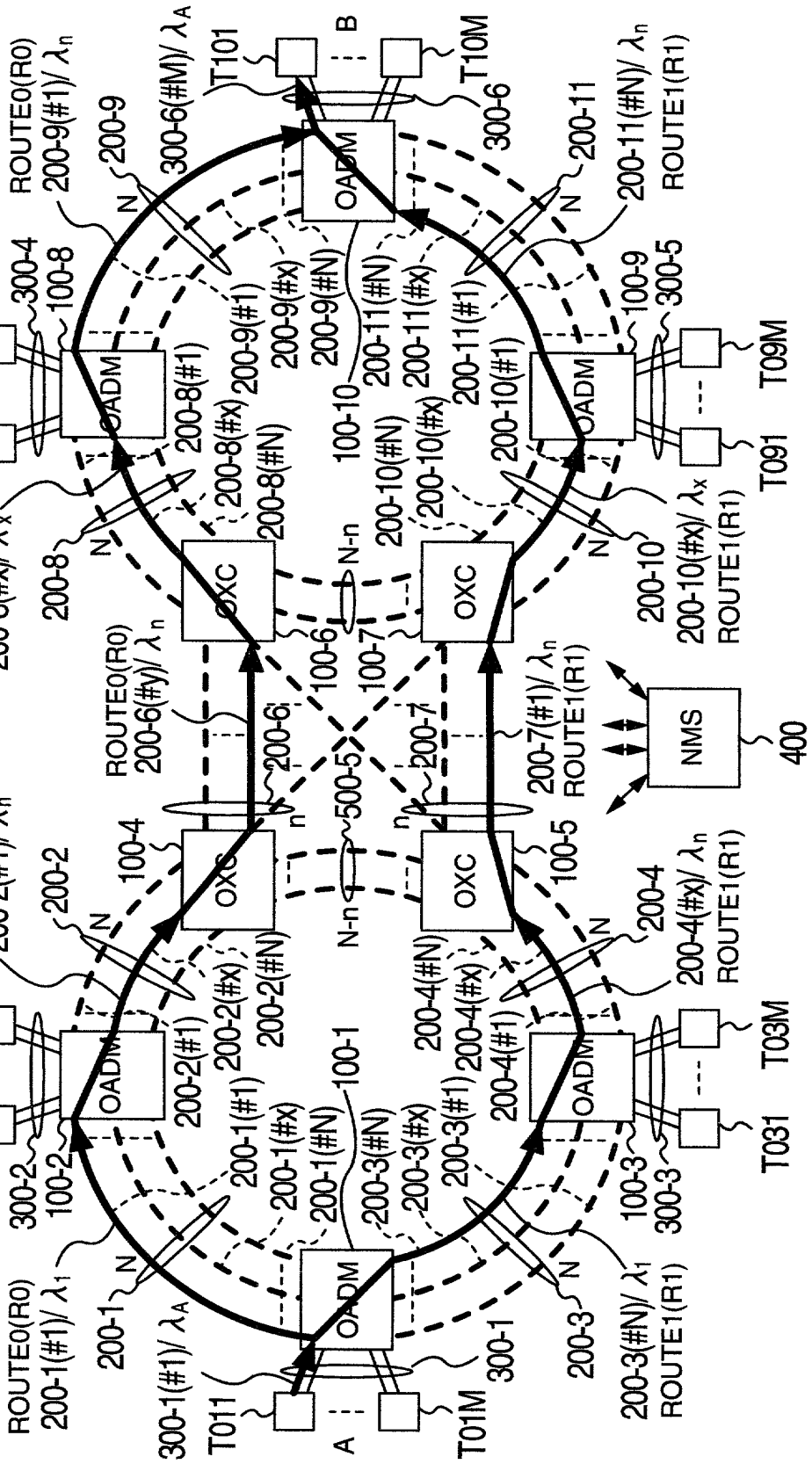

10
OADM
OXC
NMS
400
A
B
ROUTE0(R0)
ROUTE1(R1)
T011
T01M
T021
T02M
T031
T03M
T081
T08M
T091
T09M
T101
T10M
100-1
100-2
100-3
100-4
100-5
100-6
100-7
100-8
100-9
100-10
200-1
200-2
200-3
200-4
200-6
200-7
200-8
200-9
200-10
200-11
300-1
300-2
300-3
300-4
300-5
300-6
500-5

FIG. 5

4000

		OADM (Add)	OADM (Pass)	OXC (Pass)	OXC (Pass)	OADM (Pass)	OADM (Drop)
ROUTE 0 (R0)	EQUIPMENT	100-1	100-2	100-4	100-6	100-8	100-10
	INPUT FIBRE / WAVELENGTH	300-1(#1) / λ_A	200-1(#1) / λ_1	200-2(#1) / λ_n	200-6(#y) / λ_n	200-8(#x) / λ_x	200-9(#1) / λ_n
	OUTPUT FIBRE / WAVELENGTH	200-1(#1) / λ_1	200-2(#1) / λ_n	200-6(#y) / λ_n	200-8(#x) / λ_x	200-9(#1) / λ_n	300-6(#M) / λ_A
ROUTE 1 (R1)	EQUIPMENT	100-1	100-3	100-5	100-7	100-9	100-10
	INPUT FIBRE / WAVELENGTH	300-1(#1) / λ_A	200-3(#N) / λ_1	200-4(#x) / λ_n	200-7(#1) / λ_n	200-10(#x) / λ_x	200-11(#N) / λ_n
	OUTPUT FIBRE / WAVELENGTH	200-3(#N) / λ_1	200-4(#x) / λ_n	200-7(#1) / λ_n	200-10(#x) / λ_x	200-11(#N) / λ_n	300-6(#M) / λ_A